# GRL667FB

**DDR2-667, PC2-5300, Fully Buffered, ECC, 1.8V, 240-pin DIMMs**

## Products in Family

GRL667FB/4GB (2 x 2GB 2R DIMMs)
GRL667FB/8GB (2 x 4GB 2R DIMMs)
GRL667FB/16GB (2 x 8GB 2R DIMMs)
GRL667FBQ/16GB (2 x 8GB 4R DIMMs)

## Features

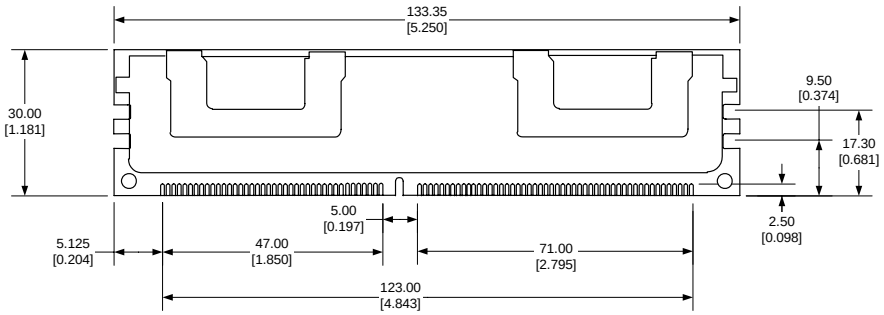
240-pin JEDEC-compliant DIMMs
133.35 mm wide by 30 mm high (1.20" x 5.25")
Data Transfer Rate: 5.3 Gigabytes/sec
Operating Voltage: VDD = 1.8 V ±0.1; VCC = 1.5V ±0.1
Full DIMM Heat Spreader
Fully RoHS Compliant

## Description

Each GRL667FB upgrade consists of a matched set of two DDR2-667 FB-DIMMs. One Advanced Memory Buffer (AMB) is used as the interface between the system memory bus and DIMM DRAMs. One 2K-bit EEPROM is used for Serial Presence Detect. For improved thermal performance, a Full DIMM Heat Spreader with thermal interface material (TIM) is attached to the front and back of the DIMM.

| Dataram Product | Dell Product | Supported in these Dell systems: |
|---|---|---|
| GRL667FB/4GB | A2026995, A2026998, A2026999, A2027000, A2027005, A2027060, A2027065, A2027066, A2027068, A2027070, A2027072, A2027074 | Dell PowerEdge 1900, 1950, 1950 III, 1955, 2900, 2900 III, 2950, 2950 III, M600, R900<br><br>Dell Precision 490, 690, R5400, T5400, T7400 |
| GRL667FB/8GB | A2146192, A2257178, A2257179, A2257180, A2257181, A2257182, A2257183, A2257184, A2257185, A2257232, A2257233 | |
| GRL667FB/16GB | | |
| GRL667FBQ/16GB | A2146205, A2257216, A2257217, A2257245, A2257246, A2257247 | |

**Front view**

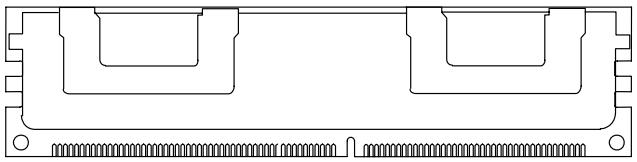



Notes

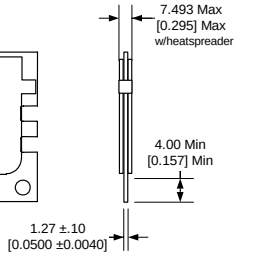
Tolerances on all dimensions except where otherwise indicated are ±.13 (.005).

All dimensions are expressed in millimeters [inches]

**Back view**



**Side view**



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